Lepidoptera of Aberdeenshire and Kincardineshire

By R. M. Palmer*

PART 3

Micropterigoidea — Tortricoidea

293 species are included in the main list, of which 105 belong to the Tortricoidea. A further 70 species (36 Tortricoidea) are listed separately; these have not been found recently but appeared in earlier publications to which reference has been made. The list is considered to be far from complete and lengthy supplements are anticipated since it is clear that a considerable amount of work remains to be done on the microlepidoptera of this large and varied area. The information included here without dates refers to the years 1970-75 inclusive (1973-75 in the case of the Rothamstead trap at Banchory).

The format is as in previous sections (*Ent. Rec.*, **86,** 33-44, 273-84, **87,** 180-88, 218-24) but earlier published records have been included even for the common species. I have been advised that a division of the Aberdeenshire records into vice-counties would be helpful. As the majority of records relate to S. Aberdeen (V.C. 92) this is most simply achieved by listing the localities in V.C. 93. These are Collieston, Forvie N.N.R., Fraserburgh, Fyvie, Gight Woods, Huntly, Logie Buchan, Pitcaple, Pitscurrie, Rattray Head, Turriff and parts of Bennachie.

Acknowledgements

The preparation of the third part of the list would virtually have been impossible for me to undertake unaided at the present time. A large proportion of the records has been provided by Mr. E. C. Pelham-Clinton who has also identified many of my own specimens, read the final manuscript and suggested various improvements. Dr. R. Dickson has also aided me by identifying material. To both of these lepidopterists for their invaluable help, to all those who have provided records and whose names appear in Parts 1 and 2, to Col. A. M. Emmet, Dr. M. Harper, Mr. P. Hulme and Mr. P. Smith who have also provided records, and to my wife for many hours spent in typing I extend my sincerest thanks.

References

I have had recourse to additional references. These are: —
Bankes, E. R., 1907. *Ent. Mon. Mag.*, **143**: 257-8.
Bradley, J. D. and Fletcher, D. S., 1974. *Ent. Gaz.*, **25**: 219-223.
Heath, J., 1976. *The Moths and Butterflies of Great Britain and Ireland*, Vol. 1.
Langmaid, J. R., 1976. *Ent. Rec.*, **88**: 29.
Morison, G. D., 1953. *Trans. R. Highl. Agric. Soc. Scot.*, **65**: 64-5.
Shaw, M. W., 1956. *Plant Path.*, **5**: 75.

Species on previous lists for which there are no recent records: *Micropterix thunbergella* F., *Eriocrania haworthi* Bradley, *Hepialus lupulinus* L., *Nepticula marginicolella* Stt.,

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Lampronia rubiella Bjerk., *L. morosa* Zell., *Adela fibulella* D. & S., *Cossus cossus* L., *Zygaena trifolii* Esp.*, *Solenobia inconspicuella* Stt., *Trichophaga trapetzella* L., *Niditinea fuscipunctella* Haw., *Tinea pellionella* L., *Leucoptera lotella* Stt., *Caloptilia leucapennella* Steph., *Calybites auroguttellla* Steph., *Pyllonorycter spinolella* Dup., *Glyphipterix fuscoviridella* Haw., *Argyresthia semitestacella* Curt., *Cedestis gysseliniella* Zell., *Ocnerostoma piniariella* Zell., *Prays fraxinella* Bjerk., *Rhigognostis annulatella* Curt., *Coleophora lutipenella* Zell., *C. vitisella* Gregs., *C. murinipennella* Dup., *Amphisbatis incongruella* Stt., *Agonopterix alstroemeriana* Cl., *Teleiodes sequax* Haw., *Lita solutella* Zell., *Scrobipalpa atriplicella* F. von R., *Caryocolum marmoreum* Haw., *Syncopacma sangiella* Stt., *Mompha miscella* D. & S., *Pandemis corylana* F., *Pseudoargyrotoza conwagana* F., *Olindia schumacherana* F., *Cnephasia longana* Haw., *Tortricoides alternalla* D. & S., *Aleimma loeflingiana* L., *Acleris comariana* L. & Z., *A. lipsiana* D. & S., *Olethreutes arbutella* L., *O. olivana* Treits., *O. cespitana* Hübn., *Ancylis uncella* D. & S., *A. diminutana* Haw.*, *A. mitterbacheriana* D. & S., *A. apicella* D. & S., *Epinotia maculana* F., *E. sordidana* Hübn., *E. caprana* F., *E. bilunana* Haw., *E. immundana* F. von R., *E. cinereana* Haw., *E. rubiginosana* H.-S., *Epiblema farfarae* Flet., *Blastesthia posticana* Zett., *B. turionella* L., *Rhyacionia pinivorana* L. & Z., *R. duplana logaea* Durr., *Pamnene splendidulana* Guen., *P. argyrana* Hübn., *Cydia pomonella* L., *C. cosmophorama* Treits., *Dichrorampha senectana* Guen., *D. simpliciana* Haw., *Hysterophora maculosana* Haw., *Aethes rubigana* Treits. and *Cochylidia subroseana* Haw.*.

* Species considered to have been recorded in error.

MICROTERIGOIDEA

Micropterigidae

Micropterix aureatella Scop.

A. Braemar (Cruttwell, 1907).

K. Banchory, one, 1943 (G.M.); Mergie, 1975 (R.M.P., M.R.Y.).

M. aruncella Scop.

Rare (Reid, 1893).

A. Morrone Hill N.N.R., 1960, 1970; Braemar, one, 1969, one, 1970; Dinnet Muir, one and Crathie, 1969 (E.C.P.-C.); Bieldside, 1975 (M.R.Y.); Gight Woods, 1975 (R.M.P.).

K. St. Cyrus N.N.R., one, 1961 (E.C.P.-C.).

M. calthella L.

A. Bennachie (Reid, 1893). Drum Castle Woods, 1975 (R.M.P.).

ERIOCRANIOIDEA

Eriocraniidae

Dyseriocrania subpurpurella Haw.

Common (among birch — suggests mis-identification) (Reid, 1893).

A. Tillyfoure Oakwood, 1975 (M.R.Y.).

Eriocrania sangii Wood
A. Morrone Hill N.N.R., 1974 (R.M.P.).
E. semipurpurella Steph.
Scarce (Reid, 1893).
A. Morrone Hill N.N.R., one, 1974 (R.M.P.).
K. Banchory R.T.

HEPIALOIDEA

Hepialidae

Hepialus humuli L.
Common (Reid, 1893).
A. & K. Common.
H. sylvina L.
A. Fyvie (Trail, 1878); Aberdeen (Reid, 1893); Fintray (R.M.P).
K. Muchalls, Banchory (Trail, 1878); Cove (E.P.).
H. hecta L.
Locally abundant (Reid, 1893).
A. & K. Common.
H. fusconebulosa DeGeer
Abundant (Reid, 1893).
A. & K. Abundant.

NEPTICULOIDEA

All records provided by Mr. Pelham-Clinton unless otherwise stated.

Nepticulidae

Stigmella ruficapitella Haw.
A. Dinnet Oakwood N.N.R., 1971, mines on *Quercus*.
S. hemargyrella Kollar
Empty mines on *Fagus sylvaticus*: —
A. Ordie (E.C.P.-C.); Aberdeen, 1975 (P.H.); Monymusk, 1975 (R.M.P.).
K. Banchory, 1973 (E.C.P.-C.).
S. nylandriella Tengs.
Empty mines on *Sorbus aucuparia*: —
A. Glentanar, Dinnet and Crathie, 1971 (E.C.P.-C.); Drum Castle Woods, 1975 (R.M.P.).
K. Banchory, 1973 (E.C.P.-C.).
S. luteella Stt.
Common (Reid, 1893).
A. Ordie, mine on *Betula verrucosa*, 1971.
S. hybnerella Hübn.
A. Mines on *Crataegus monogyna*. Braemar, 1969, 1970; Crathie, 1971.
S. malella Stt.
A. V.C. 92 (Emmet, 1976 in Heath, M.B.G.B.I., Vol. 1).
Nepticula salicis Stt.
Larvae occasionally (Reid, 1893).
A. Ordie, mines on *Salix atrocinerea*, 1971.
N. assimilella Zell.
A. Crathie, empty mines on aspen, 1971.

N. tengstroemi Nolcken.
A. Lecht Road, near Cock Bridge, larvae on *Rubus chamaemorus* (A. M. Emmet and E.C.P.-C.).
N. floslactella Haw.
K. Banchory, mines and one larva on *Corylus,* 1973.
N. sorbi Stt.
A. & K. Mines common on *S. aucuparia,* E.C.P.-C., R.M.P.).
N. aurella F.
Rather scarce (Reid, 1893).
A. Tyrebagger Hill, empty mines on *Rubus fructicosus* (R.M.P.).
N. splendidissimella H.-S.[1]
A. V.C. 92 (Emmet, 1976 in Heath, M.B.G.B.I., Vol. 1).
N. lapponica Wocke.
A. & K. Mines common on *Betula* (E.C.P.-C., R.M.P.).
N. confusella Wood
A. & K. Mines on *Betula.*
Ectoedemia argentipedella Zell.
A. Morrone Hill N.N.R., one, 1964; Ordie, one mine on *Betula,* 1971.
E. mediofasciella Haw.
A. Braemar (Cruttwell, 1907). Ordie, one empty mine, Morrone Hill N.N.R., mines on *B. pubescens,* 1971.
E. pulverosella Stt.
A. Mines on *Malus,* Cambus 'o May, 1973.
Fomoria weaveri Stt.
A. Very rare, Braemar (Reid, 1893). Morrone Hill N.N.R., one, 1970.
Trifurcula immundella Zell.
A. Crathie, one, 1973.
K. St. Cyrus N.N.R., 1961.

Opostegidae

Opostega crepusculella Zell.
A. Ordie, 1971.

Tischeriidae

Tischeria ekebladella Bjerk.
A. Dinnet Oakwood N.N.R., 1970.

INCURVARIOIDEA
Incurvariidae

Phylloporia bistrigella Haw.
A. Invercauld, 1975, one (R.M.P.).
Incurvaria zinckenii Zell.
A. Braemar (Cruttwell, 1907); Larvae or signs on *Betula*;

[1] Col. Emmet informs me that the source of this record is Salvage (in Tutt, 1899-1914, Vol. 1, p. 245); that the locality is Braemar and that he is currently conducting a critical study of supposed Scottish specimens of this species.

Newkirk and Ordie, 1959; Ballater, 1969; Crathie and Dinnet Muir (E.C.P.-C.). Imagines; Dinnet Muir (E.C.P.-C., R.M.P.), Fintray, 1975 (R.M.P.).

I. masculella D. & S.

(Abundant among birch (Reid, 1893) suggests misidentification of *zinckenii*).

A. Fintray, 1975 (R.M.P.).

K. Mergie, 1975 (R.M.P., M.R.Y.).

Lampronia oehlmanniella Hübn.

A. Braemar, 1962 (E.C.P.-C.); Gight Woods, 1975 (R.M.P.).

L. capitella Clerck.

A. Ballater, larvae on blackcurrant buds, 1955 (Shaw, 1956).

Nematopogon swammerdamella L.

Common in woods (Reid, 1893).

A. Tillyfoure Oakwood, 1975 (R.M.P.).

K. Banchory R.T., 1973.

N. panzerella F.

A. & K. Locally common (E.C.P.-C., R.M.P.).

Adela rufimitrella Scop.

A. Pitscurry Moss, 1975 (M.R.Y.).

ZYGAENOIDEA

Zygaenidae

Zygaena exulans subochracea White

A. Hills near Braemar.

Z. filipendulae anglicola Tremewan

A. Ardoch, Loch Shangie (Trail, 1878); Kintore (Reid, 1893); Cults (Cowie, 1902); Birse (W. Mc'W.); Forvie N.N.R., Collieston, Fraserburg (R.M.P.).

K. Coast South of Aberdeen (Trail, 1878); Muchalls (Reid, 1893; R.M.P.). Cove (E.P.).

TINEOIDEA

Psychidae

Psyche casta Pallas.

A. Crathie, cases, 1969 (E.C.P.-C.).

Tineidae

Myrmecozela ochraceella Tengs.

A. Morrone Hill N.N.R., in nests of *Formica rufa* gp. (E.C.P.-C.).

Nemapogon picarella Cl.

A. Glenlui, one, 1970 (E.C.P.-C.).

Triaxomera fulvimitrella Sodoffsky

A. Specimen labelled Braemar, 1894, Buchan–Hepburn Coll., Royal Scottish Museum; Dinnet Oakwood N.N.R., one larva on bracket fungus, 1970 (E.C.P.-C.).

Monopis rusticella Hübn.

Abundant in outhouses (Reid, 1893).

A. Park, bred from birds nests (E.P., R.M.P.). Inver and Fintray, 1974 (R.M.P.).

K. Banchory R.T.

M. weaverella Scott.

K. Banchory R.T., one, 1975.

Tineola bisselliella Hummel

A. Aberdeen, bred, 1938 (G.M.).

Tinea semifulvella Haw.

A. Near Aberdeen (Reid, 1893). Cambus 'o May, one, 1973 (E.C.P.-C.).

K. Banchory R.T., common.

T. trinotella Thunb.

A. Near Aberdeen (Reid, 1893).

K. Banchory R.T., one, 1973.

Ochsenheimeriidae

Ochsenheimeria bisontella L. & Z.

A. Glentanar, one; Cambus 'o May, one; Dinnet Muir, 1971 (E.C.P.-C.).

Lionetiidae

Leucoptera laburnella Stt.

A. Mines and pupae on Laburnum; Cragiebuckler, Aberdeen (P.H.) and Dyce (R.M.P.), 1975.

L. spartifoliella Hübn.

Abundant among broom (Reid, 1893).

A. & K. Abundant on broom (E.C.P.-C., R.M.P.).

Bucculatrix capreella Krog.

A. Crathie, Glen Cairn and Cambus 'o May, 1970, pupae, larvae or larval signs on *Achillea millefolium* (E.C.P.-C.).

B. demaryella Dup.

A. Dinnet Muir, one, 1969; Dinnet Oakwood N.N.R., one, 1970 (E.C.P.-C.).

Gracillariidae

Caloptilia elongella L.

Not rare among alders (Reid, 1893).

A. Ballater, larvae on alder; Ordie, 1971 (E.C.P.-C.).

K. Banchory R.T.

C. betulicola Hering

A. Kintore, one, 1974 (R.M.P.), Crathie, 1971 (E.C.P.-C.).

C. alchimiella Scop.

(Local among birch (Reid, 1893) ? misidentification.)

A. Dinnet Oakwood N.N.R., 1970, and larvae on oak, 1971; Ballater, one, 1969 (E.C.P.-C.).

C. syringella F.

Local, abundant among lilac (Reid, 1893).

A. & K. Common larvae on privet, lilac and ash (E.C.P.-C., P.H., R.M.P.).

Aspilapteryx tringipennella Zell.

A. Rare near Pitcaple (Reid, 1893).

K. St. Cyrus N.N.R., one and one mine on *Plantago lanceolata*, 1961 (E.C.P.-C.); Muchalls, one, 1972 (R.M.P.); Banchory R.T., one, 1973.

(to be continued)